

Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

mCitrine-C1

RRID:Addgene_54587

Type: Plasmid

Proper Citation

RRID:Addgene_54587

Plasmid Information

URL: <http://www.addgene.org/54587>

Proper Citation: RRID:Addgene_54587

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:11387331](#)

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mCitrine-C1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Citrine + A206K. Excitation = 516; Emission = 529

Plasmid Name: mCitrine-C1

Record Creation Time: 20220422T222319+0000

Record Last Update: 20260815T081641+0000

Ratings and Alerts

No rating or validation information has been found for mCitrine-C1.

No alerts have been found for mCitrine-C1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

He S, et al. (2025) A high-throughput screening approach to discover potential colorectal cancer chemotherapeutics: repurposing drugs to identify novel disruptors of 14-3-3 proteins. *Cell death & disease*, 16(1), 825.

Gabele L, et al. (2024) H7N7 viral infection elicits pronounced, sex-specific neuroinflammatory responses in vitro. *Frontiers in cellular neuroscience*, 18, 1444876.

Schmidt T, et al. (2023) eIF4A1-dependent mRNAs employ purine-rich 5'UTR sequences to activate localised eIF4A1-unwinding through eIF4A1-multimerisation to facilitate translation. *Nucleic acids research*, 51(4), 1859.

He S, et al. (2023) A high-throughput screening approach to discover potential colorectal cancer chemotherapeutics: Repurposing drugs to disrupt 14-3-3 protein-BAD interactions. *bioRxiv* : the preprint server for biology.

Davis K, et al. (2023) Miro GTPase domains regulate the assembly of the mitochondrial motor-adaptor complex. *Life science alliance*, 6(1).

Garcia-Marques J, et al. (2019) Unlimited Genetic Switches for Cell-Type-Specific Manipulation. *Neuron*, 104(2), 227.

Schultz V, et al. (2018) Fluorescence Lifetime Imaging Microscopy (FLIM) as a Tool to Investigate Hypoxia-Induced Protein-Protein Interaction in Living Cells. *Methods in molecular biology* (Clifton, N.J.), 1742, 45.

Lee JG, et al. (2016) Unconventional secretion of misfolded proteins promotes adaptation to proteasome dysfunction in mammalian cells. *Nature cell biology*, 18(7), 765.

Zhang T, et al. (2015) gp78 functions downstream of Hrd1 to promote degradation of misfolded proteins of the endoplasmic reticulum. *Molecular biology of the cell*, 26(24), 4438.